

## ABSTRACT

A technology for structuring a three-dimensional image in a more accurate position spatially even when an ultrasonic transducer unit does not perform oscillation scanning at  
5 completely constant angular velocity is disclosed. According to the technology, an oscillation angle detection means 104 detects an oscillation angle of an ultrasonic transducer unit 1, and a three-dimensional image processing  
10 means 11 forms a three-dimensional image based on the oscillation angle detected by the oscillation angle detection means and image data outputted from an ultrasonic receiving means 4.